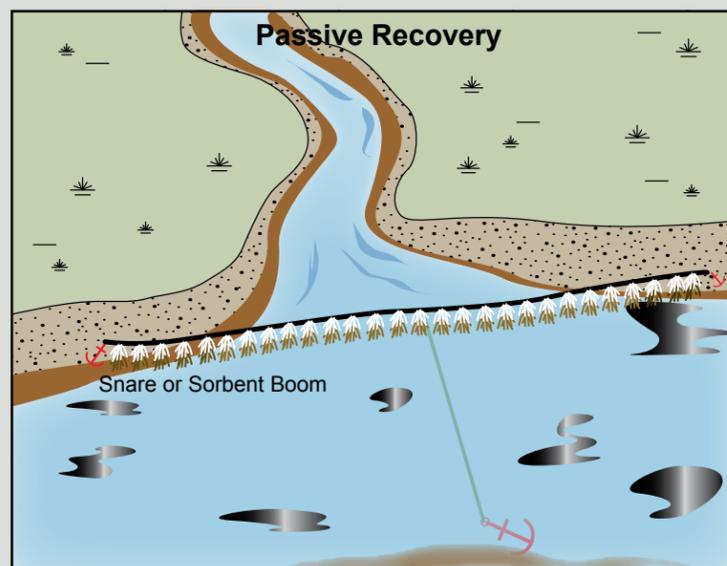


An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.

**Map Legend**

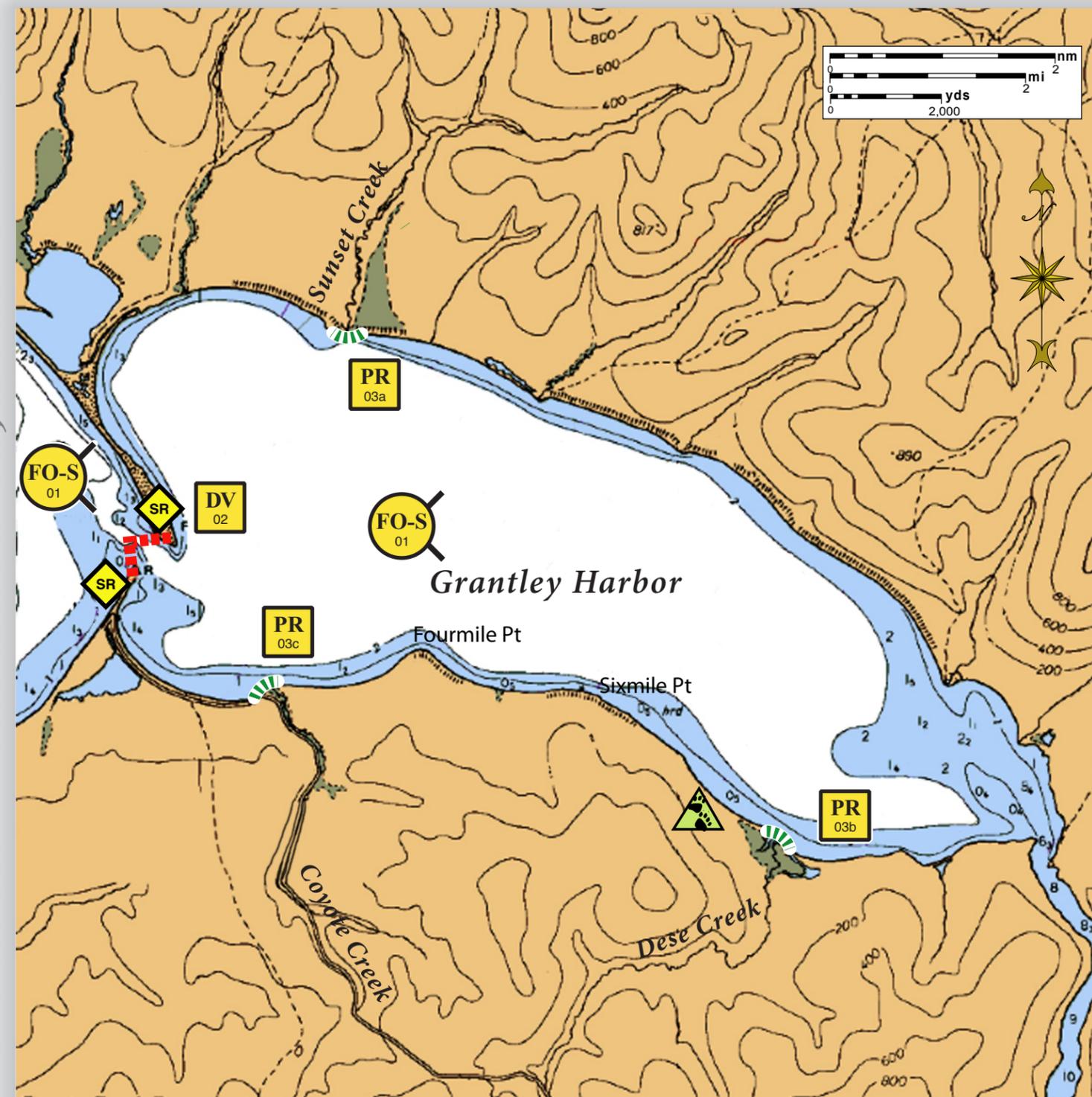
	Free-oil Recovery		Snare or Sorbent Boom
	Diversion Booming		Shoreside Recovery
	Passive Recovery		Bears in Area, Guards Recommended
	Protected-water Boom		

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

# Geographic Response Strategies for Northwest Arctic Subarea, Southern Zone

## Grantley Harbor, NWA-S07

Center of map at 65° 16'11" N Lat., 166° 20'30" W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-07-01 	<b>Grantley Harbor</b> Nearshore waters in the general area of:  Lat. 65° 16.62 N Lon. 166°22.42 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Grantley Harbor depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Grantley Harbor.  If oil has entered the harbor, deploy shallow draft vessels with local operators to recover oil.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Teller	Via marine waters  Chart 16006	Same as S-07-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
S-07-02 	<b>Grantley Harbor</b> Lat. 65° 16.39 N Lon. 166°21.09 W	<b>Divert and Collect</b> At the entrances to the Harbor, divert oil to shore-side collection point determined by spill source and trajectory.	Deploy anchors and boom with skiffs (class 6).  Place protected-water boom at in a chevron pattern that divert incoming oil to the collection sites.  Set-up collection site using shore-side collection units or if oil volume is minimal, use sorbent boom or snare line to provide collection of oil.  Tend throughout the tide.	<b>Deployment Equipment</b> 2500 ft. protected-water boom 1 ea. large anchor systems (for apex) 12 ea. anchor systems 4 ea. anchor stakes 2 ea. shore-side collection units <b>Vessels</b> 2 ea. class 6 <b>Personnel/Shift</b> 4 ea. vessel crew 4 ea. response techs <b>Tending Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 2 ea. vessel crew 2 ea. response tech	Teller	Via marine waters  Chart 16006	Fish- chum salmon, white fish, herring spawning, pink salmon  Birds-waterfowl concentration, shorebird concentration, seabird concentration  Marine mammals- seals  Habitat- marsh, gravel beaches, exposed rocky shore, sheltered tidal flats	Vessel master should have local knowledge.  Site is accessible via the spit.  FOSC Historic properties specialist should INSPECT site prior to operations.  Take appropriate measures as outlined in the STAR Manual to protect the beach at the collection site.  Site surveyed: not surveyed  Tested: not yet
S-07-03 	<b>Grantley Harbor</b>  <b>Coyote Creek</b> a. Lat. 65° 15.34 N Lon. 166°18.57 W  <b>Dese Creek</b> b. Lat. 65° 14.04 N Lon. 166°07.83 W  <b>Sunset Creek</b> c. Lat. 65° 18.38 N Lon. 166°16.74 W	<b>Passive Recovery</b> Use local knowledge and navigation to place passive recovery across the channels of the streams in Grantley Harbor.	Place and anchor snare line or sorbent boom at each location across the channels of streams in Lopp Lagoon.  Replace as necessary to maximize the recovery.  <u>Boom Lengths:</u> a. 200 ft. b. 500 ft. c. 400 ft.	<b>Deployment Equipment</b> 1100 ft. snare line or sorbent boom 3 ea. anchor systems 12 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as S-07-02 <b>Tending Vessels/Personnel/Shift</b> Same as S-07-02	Vessel platform	Via marine waters  Chart 16005	Same as S-07-02	Vessel master should have local knowledge.  Title 41 permitting required from ADNR.  A population of bears may be present in the area. A bear guard is required during shore operations.  Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment.  Tested: not yet

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: [http://dec.alaska.gov/spar/perp/plans/scp\\_nwa.htm](http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm).